

1900 SERIES SAMPLE SPECIFICATION:

AS MANUFACTURED BY ISTECH CORPORATION

5 Park Lake Road, Sparta, NJ 07871

The contractor shall furnish and install as shown on the plans a Woltman Type Irrigation Flowmeter. The Flowmeter shall be factory assembled, calibrated and tested, incorporating the following features:

BODY

The Flowmeter shall have a line size of _____ inch(s)/ _____ mm(s). The body shall be constructed of Epoxy-Coated Cast Iron.

FLOW INSERT

The Flow Insert shall be suspended in the top area of the meter body. It shall be capable of functioning in water containing up to 30% suspended solids. The insert assembly shall be capable of being replaced without removing the meter body.

COUNTER

The unit shall have a hermetically sealed "dry-type" mechanical counter. The counter will read in U.S. gallons (metric counters available) and shall be non-resettable.

ACCURACY

The Flowmeter shall have an accuracy of $\pm 5.0\%$ at minimum flow rate.

FLOW RANGE

The Flowmeter shall have a minimum flow rating of _____ gpm (_____ m³ph). It shall have a continuous flow rating of _____ gpm (_____ m³ph). The peak flow, which the meter can not be subjected to for more than one hour per day, shall be _____ gpm (_____ m³ph).

PULSER

The Flowmeter shall provide a "pulse" type output of 1 contact closure for every 1/10/100 gallon(s) of flow (metric counters provide 1 pulse for every 1/10/100 liters of flow).